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TI New N-acyl amino acid arylamide cpds. - useful as cholecystokinin CKK-A receptor agonists.

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N-Acyl amino acid arylamides of formula R'-N(Ar)-CO-CHR"-NH-O-R''' (I) and their salts are new:

R' = 3-8C alkyl, 1-4C alkyl, (3-10C) cycloalkyl (1-4C)alkyl, 3-10C cycloalkyl, (1-4C)alkoxy (2-5C)alkyl, or (CH<sub>2</sub>)<sub>r</sub>CONAB; A = 1-3C alkyl; B = 1-3C alkyl or phenyl; r = 1-3; R'' = H, 1-6C alkyl, 1-5C hydroxyalkyl, (CH<sub>2</sub>)<sub>m</sub>COR<sub>2</sub>, (3-10C) cycloalkyl(1-4C)alkyl, 1-4C aminoalkyl, guanidino(1-4C)alkyl; m = 1-3; R<sub>2</sub> = OH, 1-4C alkoxy, benzyloxy; R''' = naphthyl, quinolyl, isoquinolyl, or indolyl; Ar = 2-methoxy-3-pyridyl, 4-methoxy-5-pyrimidinyl or 2-methoxyphenyl.

USE - (I) are cholecystokinin (CCK) agonists that act selectively on peripheral CCK-A receptors and are useful for treatment of eating disorders, obesity, diabetes, emotional, sexual and memory disorders, psychoses (esp. schizophrenia), Parkinson's disease, tardive dyskinesia and gastrointestinal disorders.

(I) are formulated as compsns. contg. 0.5-1000 mg active ingredient.  
Daily dose is 2.5-1000 mg.

Dwg.0/0

ABEQ US 5731340 A UPAB: 19980512

N-Acyl amino acid arylamides of formula R'-N(Ar)-CO-CHR"-NH-O-R''' (I) and their salts are new:

R' = 3-8C alkyl, 1-4C alkyl, (3-10C) cycloalkyl (1-4C)alkyl, 3-10C cycloalkyl, (1-4C)alkoxy (2-5C)alkyl, or (CH<sub>2</sub>)<sub>r</sub>CONAB; A = 1-3C alkyl; B = 1-3C alkyl or phenyl; r = 1-3; R'' = H, 1-6C alkyl, 1-5C hydroxyalkyl, (CH<sub>2</sub>)<sub>m</sub>COR<sub>2</sub>, (3-10C) cycloalkyl(1-4C)alkyl, 1-4C aminoalkyl, guanidino(1-4C)alkyl; m = 1-3; R<sub>2</sub> = OH, 1-4C alkoxy, benzyloxy; R''' = naphthyl, quinolyl, isoquinolyl, or indolyl; Ar = 2-methoxy-3-pyridyl, 4-methoxy-5-pyrimidinyl or 2-methoxyphenyl.

USE - (I) are cholecystokinin (CCK) agonists that act selectively on peripheral CCK-A receptors and are useful for treatment of eating disorders, obesity, diabetes, emotional, sexual and memory disorders, psychoses (esp. schizophrenia), Parkinson's disease, tardive dyskinesia and gastrointestinal disorders.

(I) are formulated as compsns. contg. 0.5-1000 mg active ingredient.  
Daily dose is 2.5-1000 mg.